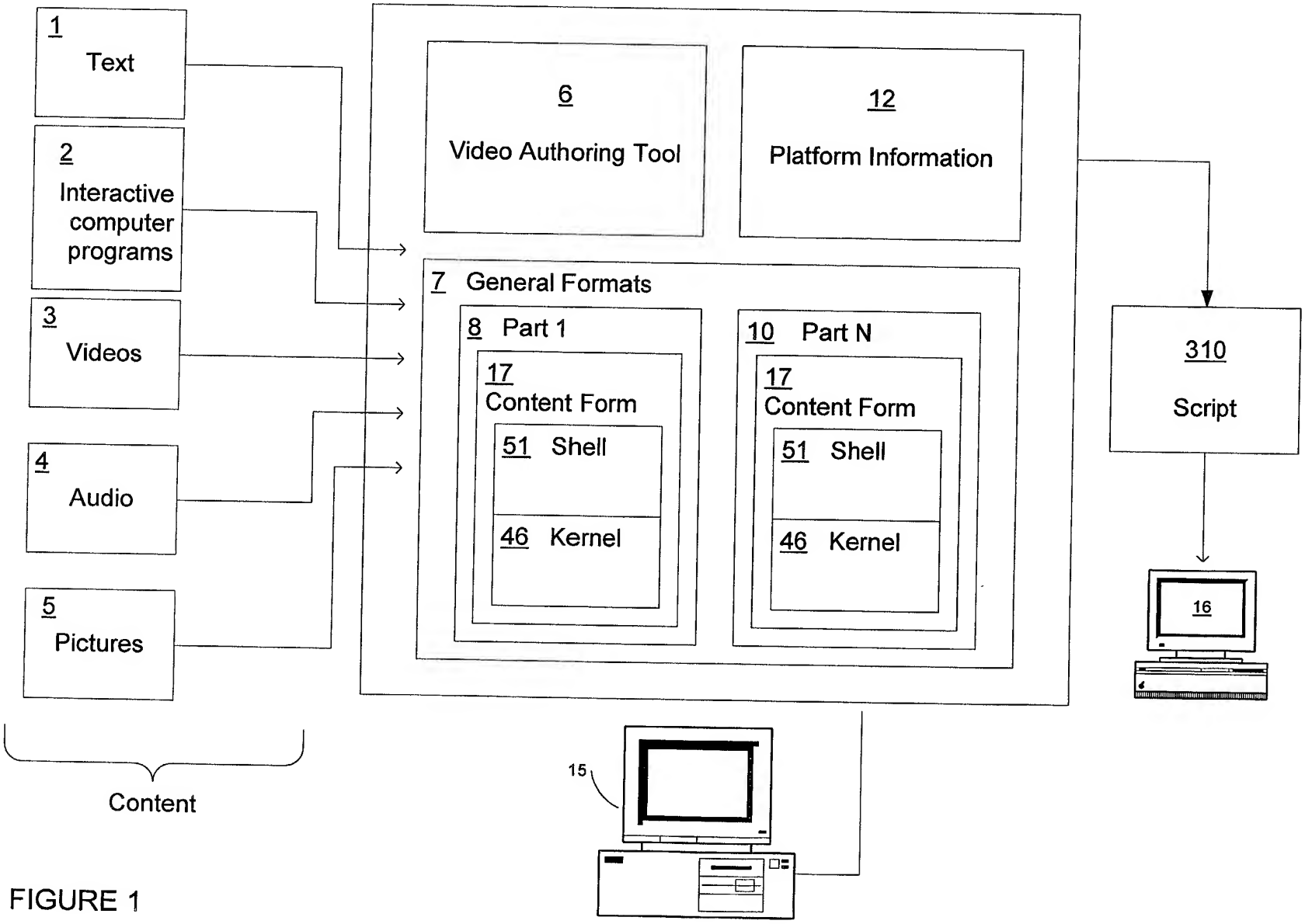
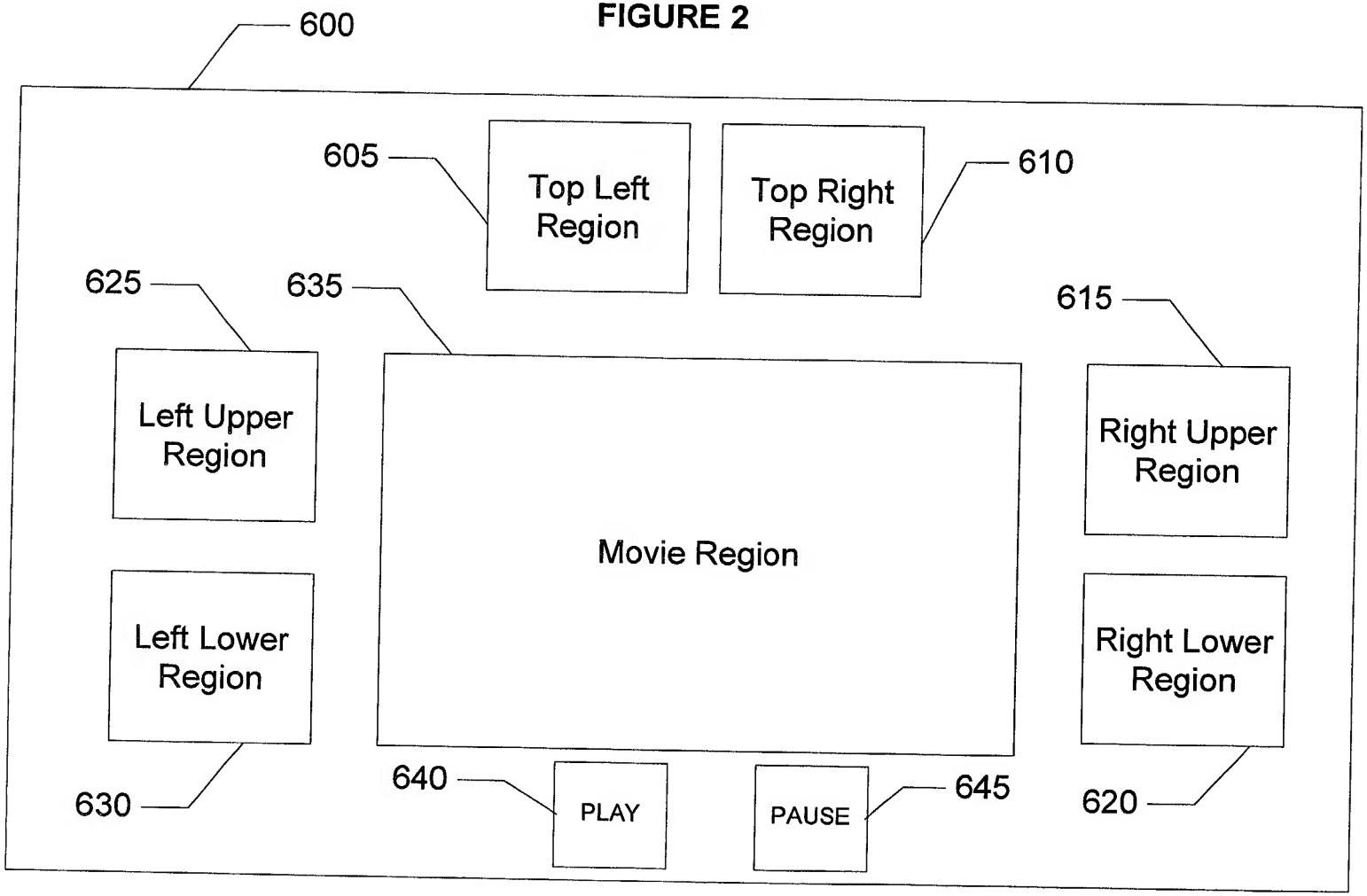

1
Text
2
Interactive computer programs
3
Videos
4
Audio
5
Pictures
Content
6
Video Authoring Tool
12
Platform Information
7 General Formats
8 Part 1
17
Content Form
51 Shell
46 Kernel
10 Part N
17
Content Form
51 Shell
46 Kernel
310
Script
16
15

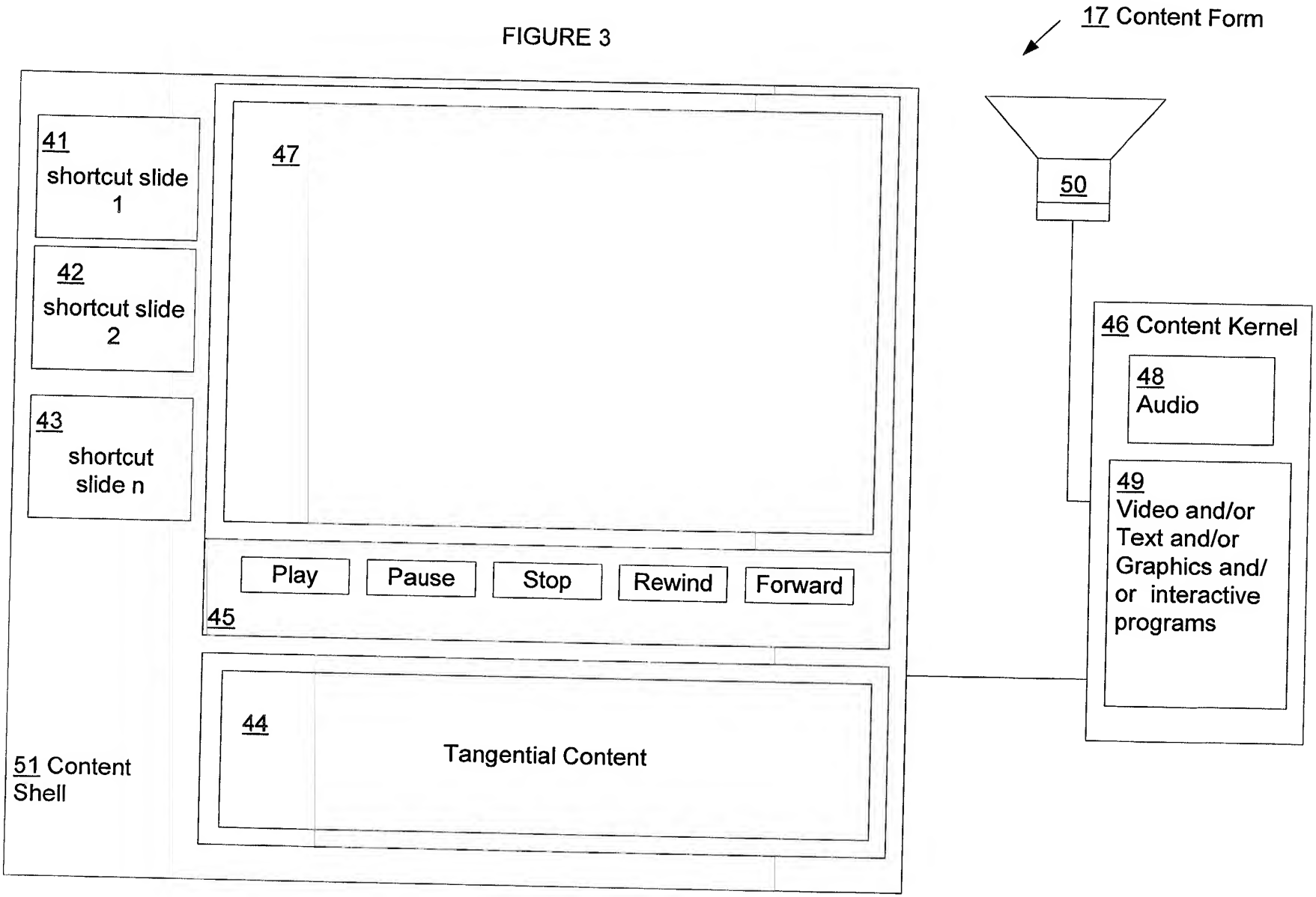
FIGURE 1

FIGURE 2


600
605
Top Left Region
Top Right Region
610
625
635
615
Left Upper Region
Movie Region
Right Upper Region
Left Lower Region
Right Lower Region
630
640
PLAY
PAUSE
645
620

PCT/US2000/000000

FIGURE 3



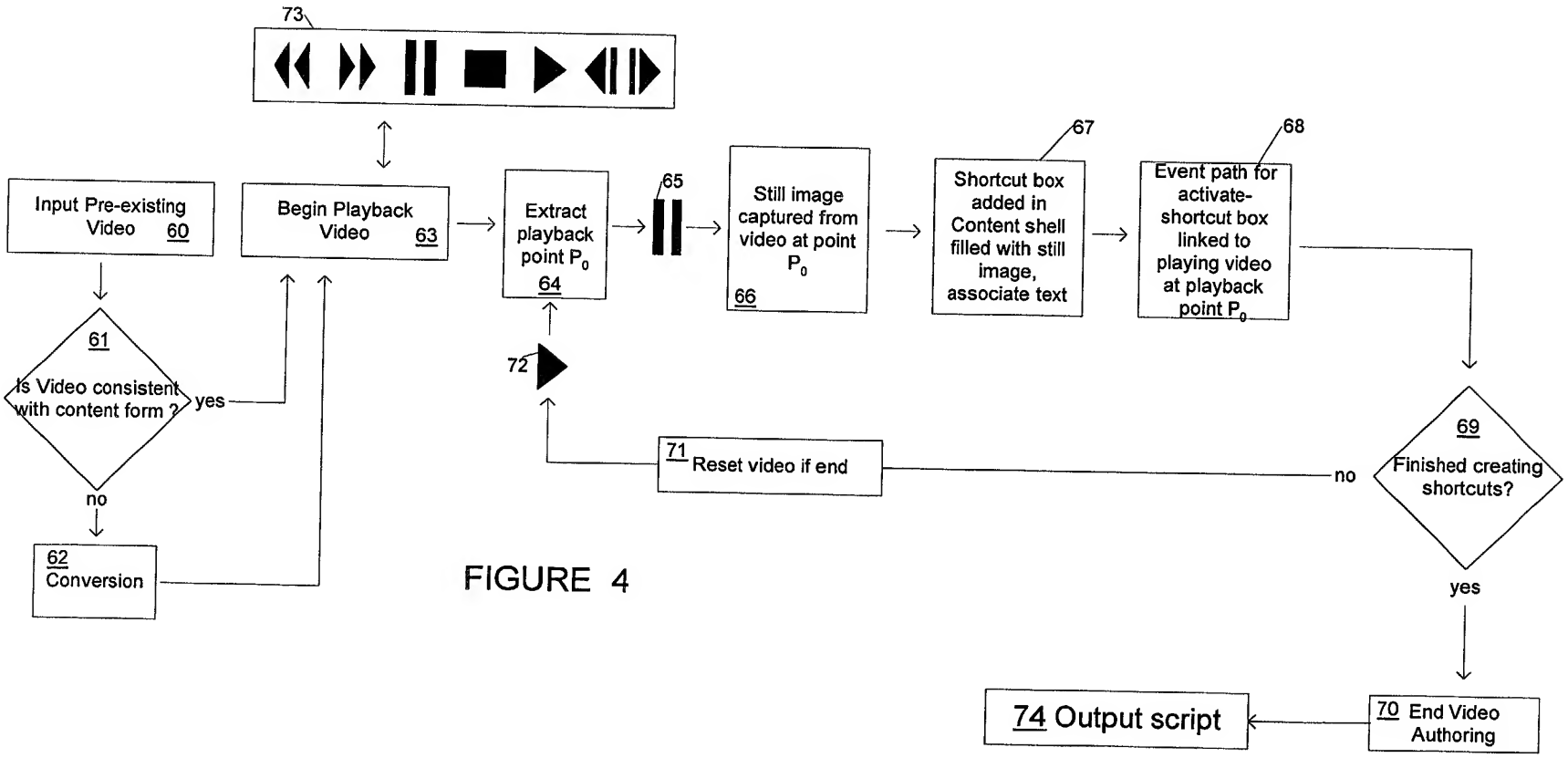

73
Input Pre-existing Video 60
Begin Playback Video 63
Extract playback point P_0 64
65
Still image captured from video at point P_0 66
67
Shortcut box added in Content shell filled with still image, associate text
68
Event path for activate-shortcut box linked to playing video at playback point P_0
61
Is Video consistent with content form ?
yes
no
62 Conversion
72
71 Reset video if end
no
69
Finished creating shortcuts?
yes
70 End Video Authoring
74 Output script

FIGURE 4

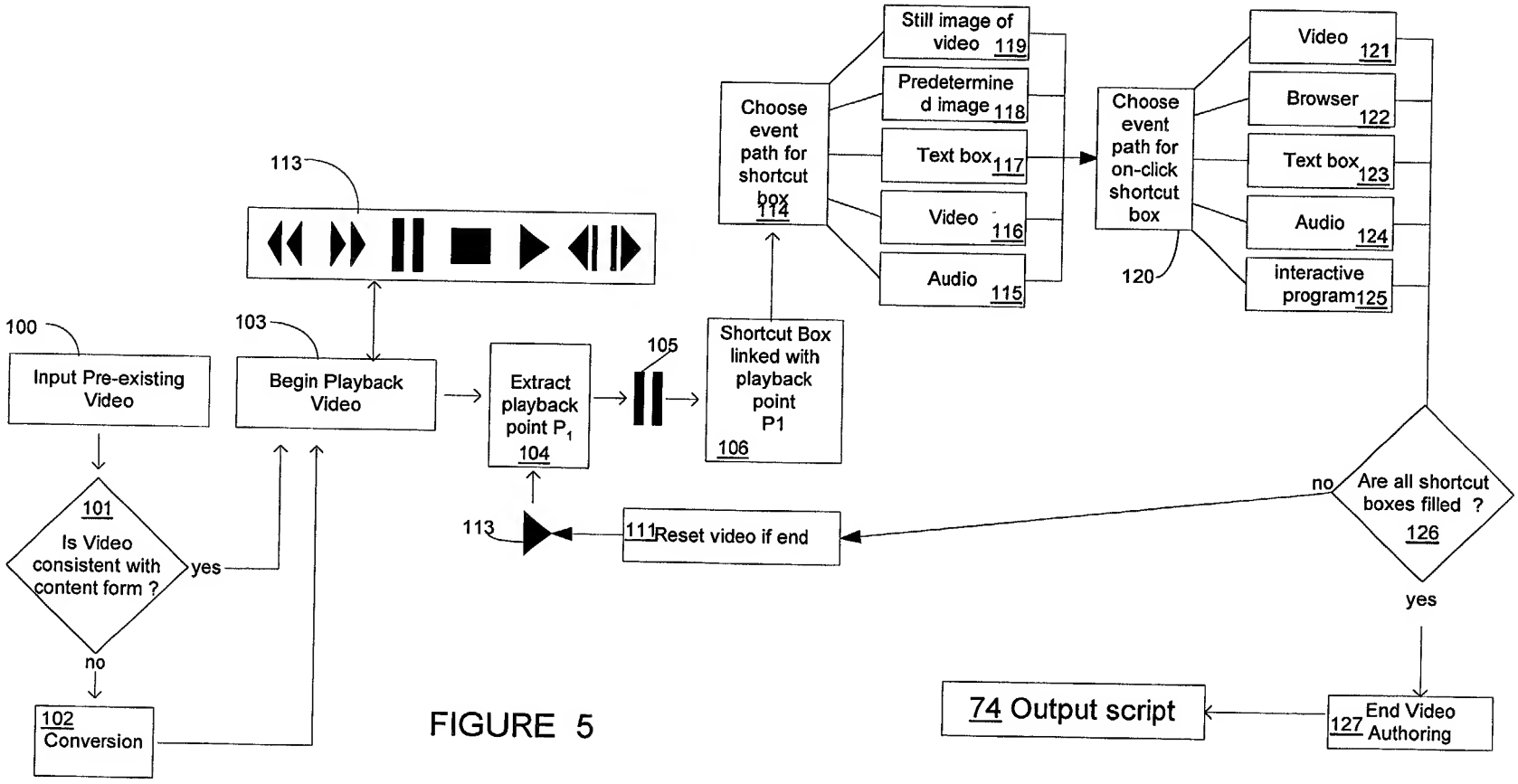

100
Input Pre-existing Video
101
Is Video consistent with content form ?
yes
no
102
Conversion
103
Begin Playback Video
113
104
Extract playback point P_1
105
106
Shortcut Box linked with playback point P1
Choose event path for shortcut box 114
Still image of video 119
Predetermined image 118
Text box 117
Video 116
Audio 115
Choose event path for on-click shortcut box
120
Video 121
Browser 122
Text box 123
Audio 124
interactive program 125
126
Are all shortcut boxes filled ?
no
yes
111 Reset video if end
113
127
End Video Authoring
74 Output script

FIGURE 5

FIGURE 6

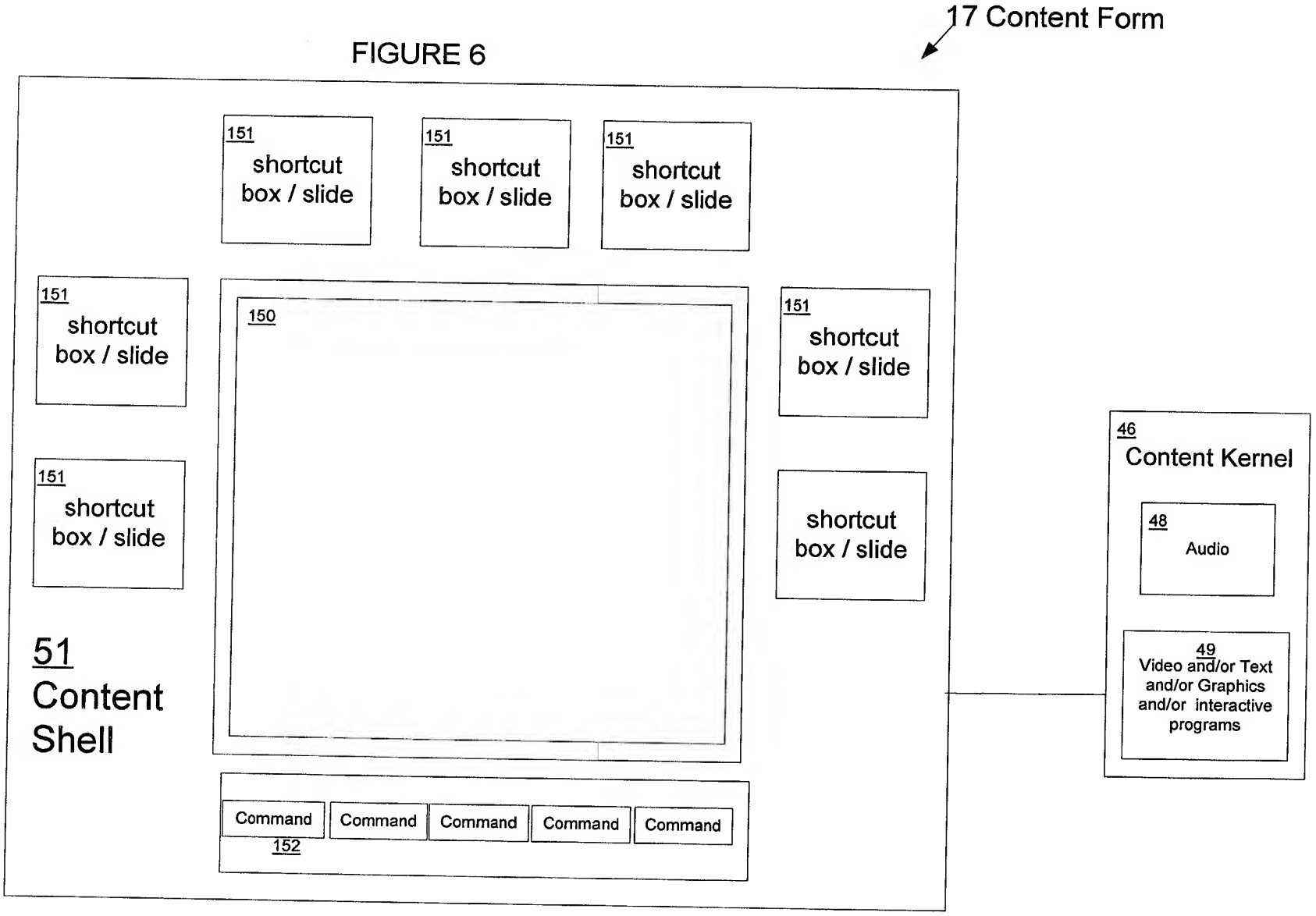
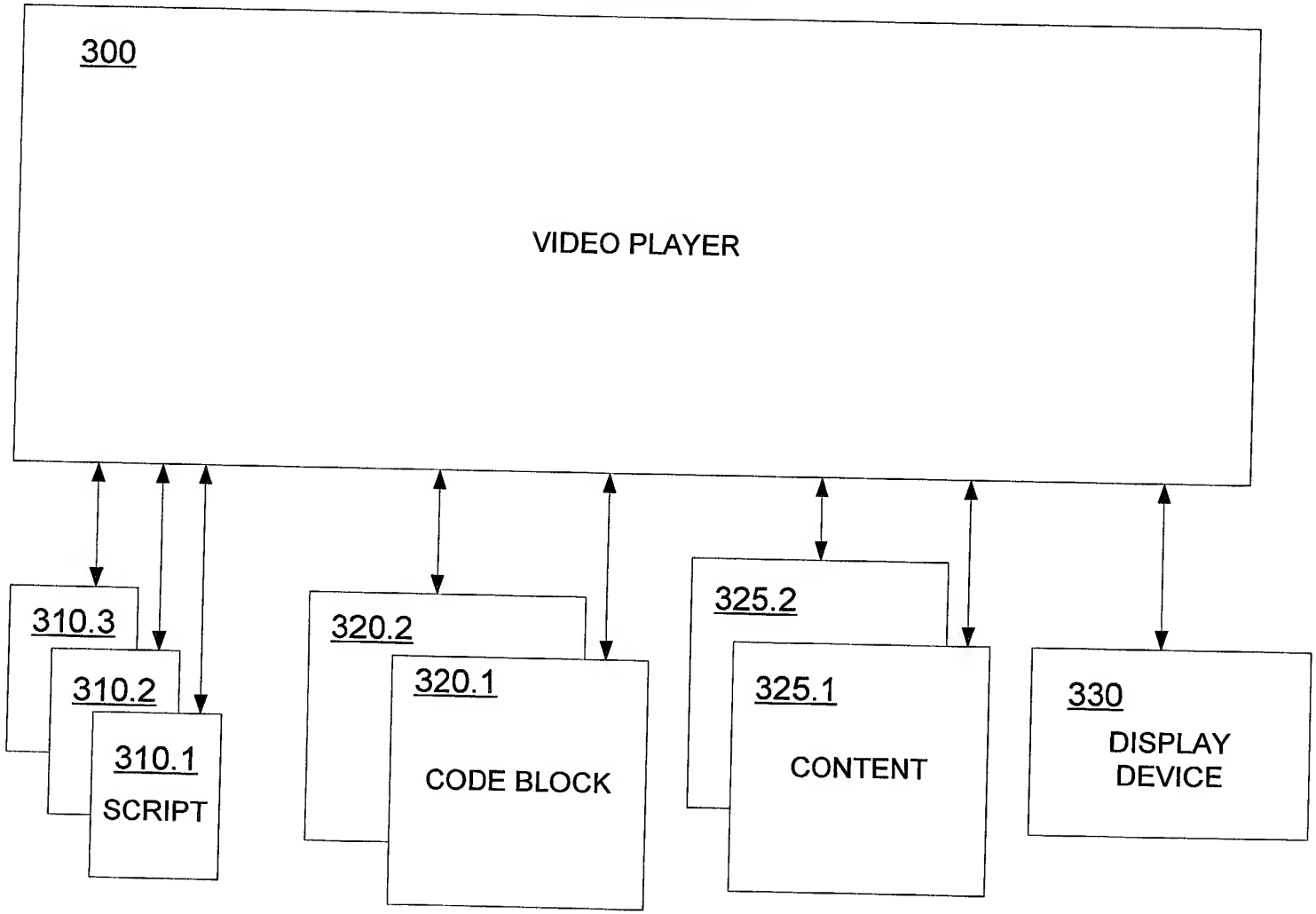

17 Content Form
151
shortcut box / slide
151
shortcut box / slide
151
shortcut box / slide
151
shortcut box / slide
150
151
shortcut box / slide
151
shortcut box / slide
shortcut box / slide
51
Content Shell
Command
Command
Command
Command
Command
152
46
Content Kernel
48
Audio
49
Video and/or Text and/or Graphics and/or interactive programs

FIGURE 7


300
VIDEO PLAYER
310.3
310.2
310.1
SCRIPT
320.2
320.1
CODE BLOCK
325.2
325.1
CONTENT
330
DISPLAY DEVICE